Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] What is claimed is:

1.A method for a portable electronic apparatus to output audiovisual (AV) signals comprising:

(a) selecting the source of the AV signals to be output by the portable electronic apparatus; and

(b) outputting the AV signals generated by the portable electronic apparatus or the AV signals externally input to the portable electronic apparatus according to the selection made in step (a).

[c2] 2.The method of claim 1 further comprising turning on the portable electronic apparatus.

[c3] 3.The method of claim 1 further comprising turning on an operating system (OS) in the case the portable electronic apparatus selects to output the AV signals generated by itself in step (a).

[c4] 4.A multi-mode portable electronic apparatus comprising:

an AV signal display device for displaying AV signals;

a processor electrically connected to the AV signal display device;

an AV signal generator electrically connected to the processor for generating the AV signals;
a receiving port electrically connected to the processor for receiving external AV signals; and
a selecting module electrically connected to the processor for selecting whether the portable electronic apparatus outputs the AV signals generated by the AV signal generator or the external AV signals received via the receiving port.

[c5] 5.The electronic apparatus of claim 4 further comprising a memory for storing an operating system (OS).

[c6] 6.The electronic apparatus of claim 4 wherein the AV signals include video signals, and the AV signal display device is a thin film transistor liquid crystal displayer (TFT LCD).

[c7] 7.The electronic apparatus of claim 6 wherein the TFT LCD comprises a low-voltage differential signal (LVDS) receiver for receiving video signals in the AV signals received by the TFT LCD.

[c8] 8.The electronic apparatus of claim 4 wherein the AV signals include audio signals, and the AV signal display device is a speaker.

[c9] 9.The electronic apparatus of claim 8 wherein the

speaker comprises a sound amplifier for amplifying audio signals in the AV signals received by the speaker.

[c10] 10.The electronic apparatus of claim 8 being a notebook computer, a personal digital assistant (PDA), a mobile phone, or a tablet PC.

[c11] 11.A multi-mode portable electronic apparatus comprising:
an AV signal display device for displaying AV signals;
a processor electrically connected to the AV signal display device for executing a program code;
an AV signal generator electrically connected to the processor for generating the AV signals;
a receiving port electrically connected to the processor for receiving external AV signals; and
a non-volatile memory storing the program code for selecting whether the portable electronic apparatus outputs the AV signals generated by the AV signal generator or the external AV signals received via the receiving port.

[c12] 12.The electronic apparatus of claim 11 further comprising a memory for storing an OS.

[c13] 13.The electronic apparatus of claim 11 wherein the AV signals include video signals, and the AV signal display device is a TFT LCD.

[c14] 14.The electronic apparatus of claim 13 wherein the TFT LCD comprises an LVDS receiver for receiving video signals in the AV signals received by the TFT LCD.

[c15] 15.The electronic apparatus of claim 11 wherein the AV signals include audio signals, and the AV signal display device is a speaker.

[c16] 16.The electronic apparatus of claim 15 wherein the speaker comprises a sound amplifier for amplifying audio signals in the AV signals received by the speaker.

[c17] 17.The electronic apparatus of claim 11 being a notebook computer, a PDA, a mobile phone, or a tablet PC.

[c18] 18.The electronic apparatus of claim 11 wherein the program code is stored in a basic input-output system (BIOS) of the non-volatile memory.